INNOVA TECHNOLOGIES

September 20, 2023

Unirac, Inc.
1411 Broadway Boulevard NE
Albuquerque, New Mexico 87102
TEL: (505) 242-6411
FAX: (505)242-6512

Re.: Innova Technologies No.: 123-099-1000
Unirac Roof Mount Dual Tilt (RMDT) Design Tool – Wisconsin

Attn: Engineering Services

Innova Technologies Inc. has reviewed Unirac's RMDT's roof-mount ballasted design tools (U-builder & Internal Excel tool) and design methodology. We have reviewed the design tool's methodology and Wind tunnel study to ensure the racking structure supporting photovoltaic (PV) modules for commercial uses complies with codes it would be submitted under.

This system utilizes the dead weight of the ballast as the main overturning and uplift restraint due to wind. Seismic and lateral wind forces are resisted by friction between the bay's roof pad and the roof surface.

All analysis and information in RMDT design tool's formulas and tables comply with the following:

- 2009 through 2021 International Building Code, by International Code Council Inc.
- ASCE/SEI 7-05, ASCE/SEI 7-10 and ASCE/SEI 7-16 Minimum Design Loads and Other Structures, by American Society of Civil Engineers.
- 2005 through 2020 Aluminum Design Manual (ADM), by the Aluminum Association.

This letter certifies that the structural analysis of the racking members, and connections are in compliance with the above codes.

The U-Builder tool should be used under review of a registered design professional where required by the authority having jurisdiction.

For more information, see the construction drawings.

Best Regards,

Robert Naples
Vice President
Innova Technologies, Inc.

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exp 07/31/24
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